(1) AL SHARQIA GOVERNORATE 2017 - 2018

First Question: Put sign (√) in front of the correct statement and sign (x) in front of the error term for each of the following:

1. You can adjust the properties of controls programmatically using the following syntax: ControlName•Property = Value ( )
2. Documenting the program means making sure that the program is free of errors. ( )
3. Click on button is a procedure. ( )
4. The effect of setting the "WindowState" property of the form appears only in runtime mode. ( )
5. RadioButton enable the user to select more than one alternative. ( )

Second Question: Write the scientific term

1- A set of procedures arranged logically for solving a specific problem.
2- It used in containing other controls that have the same function on the form window
3- It has a Properties, Events , and Procedures written Visual Iasic.net
4- Ii is a procedure which contains a code that is carried out when a corresponding event occurs.
5- It is a tool used in showing a test on the form window which can't be changed during programme runtime.

Third Question: Choose the correct answer from the following chooses:

1- Solution Explorer shows a list of
A) Tools of controls B) Controls properties C) Folders and files of the project Location
2- The terminology that expresses the preparation of a cup tea is
A) Flowchart B) Problem C) Algorithm
3- The used property in showing a certain text on the title bar of a form is:
A) Name B) Text C) RightToLeft
4- To initialize a value to a variable we used:
A) B) C)
5- The object TextBox is marked by one property:
A) AutoSize B) Name C) PasswordChart

Fourth Question:

Draw a flowchart to print the multiplication table of number (9), and write down the needed algorithm on it.

(GOOD LUCK)

(2) GHARBIA GOVERNORATE 2017 - 2018

Question No. (1): (A) Draw a flowchart for a program that obtains a number from a user.

Determine a number type (even or odd) and print a result?

(B): Write name of property which does The following functions;

No.	Property	Function
1.	……	It shows whether RadioButton has been chosen or not.
2.	……	It defines whether it is possible to choose one item or more shown in the ListBox.
3.	……	It defines the maximum number of letters which can be inserted in the Textbox.
4.	……	Choosing the Border Style of the Label.

Question No. (2): Choose the correct answer between brackets:

1. Click on Button is …… (Property – Event – procedure)
2. In the code Button2.Text = "END" the part "END" is ……. (Property – ControlName – Value)
3. The procedure name composed of …… (Object name – event name – object name And event name)
4. The Control Tool which is used in containing a group of control that have the same function on the Form is …… (GroupBox – ListBox – ComboBox)
5. The ControlTool which allows the user to choose one item of 15 in the smallest possible area on the Form is …… (ComboBox – ListBox – RadioBox)
6. The VB.net language is used in producing …… (Web applications – Windows applications – All of previous)

Question No. (3):

(A) Write A code to change The Size of the Label1automatically according to the written Text by using the property AutoSize?

(B) Write the Scientific term:

1. (……) A set of procedures arranged logically for solving a specific problem.
2. (……) It's a procedure which contains a code that is carried out when a corresponding event occurs.
3. (……) It is a step from steps of solving program which writes down all the steps taken to solve a problem.
4. (……) Are programs that translate commands and instructions written by the programmer from the high level language into machine language.

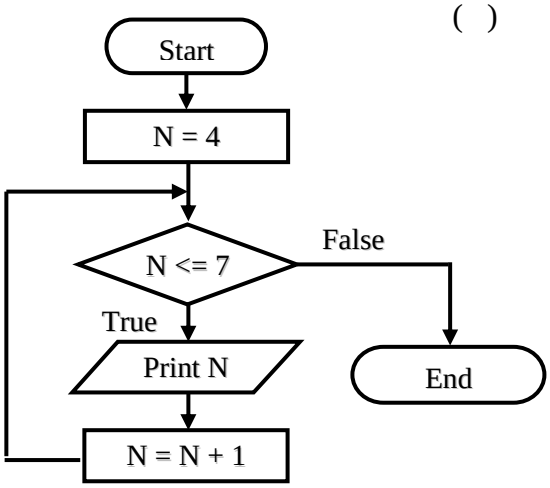
(GOOD LUCK)

(3) ISMAELIA GOVERNORATE 2017 - 2018

Question (1): Put (√) or (x):

1. The name, size, and color of the object are all examples of properties that describe some objects in the VB.net programming language. ( )
2. The .NET Framework includes compilers, libraries, and.NET programs runtime environment. ( )
3. Program documentation is to translate the flowchart using one of the programming languages. ( )
4. Compilers are programs that translate commands and instructions written by the programmer from high level language to the machine language. ( )
5. The Textbox control is unique with property AutoSize. ( )
6. Setting the property ControlBox of the form window controls showing the Form in maximized mode when running the program. ( )
7. The control that can be used on the form window to select the gender of the student "male" or "female" is Checkbox. ( )

Question (2): Answer the following questions using the following flowchart:



1. Purpose of the flow chart: ……
2. The repetition statement is: ……
3. Expression N = N + 1 means: ……
4. The output to be printed is: ……

Question: (3): Choose the correct answer between brackets:

1. The term Procedures refers to …… (Properties describing the object and characterizing it – Events that can occur on the object – Commands and instructions that are executed)
2. The function of property RightToLeft for the form window is …… (Set the direction of controls from right to left – Determine whether the layout of the controls on the form is from right to the left – Select the state of the form in zoom maximized or minimized mode)
3. The property that does not show the effect of setting it only in the runtime mode of the window Form is …… (RightToLeft – WindowState – FormBorderStyle)
4. The ListBox control and the CompoBox control tool share the property …… (SelectionMode – Items – Suggest)
5. The correct value that can be used from the following selections to set the PasswordChar property of the TextBox control tool is …… (* – True – PW)
6. A set of logically arranged procedures to solve a particular problem is called …… (problem – algorithm – program testing)

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Question (4): The components of general formula for setting the properties programmatically are:

ControlName. Property = Value

…… ……	…… ……	…… ……

(GOOD LUCK)

(4) QENA GOVERNORATE 2017 - 2018

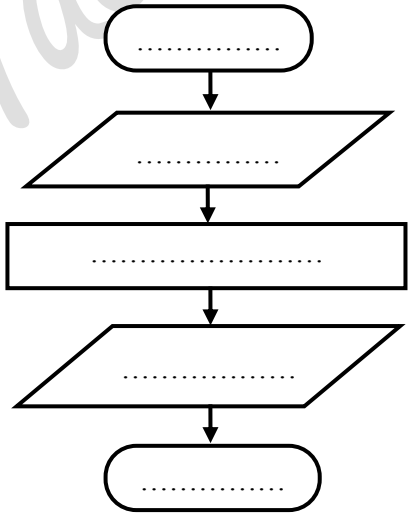
Question (1): Complete the following sentences with the appropriate words:

1. …… is the steps, activities and processes to be done to reach an output or objective.
2. …… Contains the controls that can be placed on the model window.
3. VB.net programming language is one of the …… level programming languages.
4. …… is a tool used to display text on the form window that cannot be changed while running the program.
5. …… is a procedure that contains code to be executed when the associated event occurs.

Question (2): Copy the following flowchart in your answer book to add two numbers and show the result assuming the numbers (A, B and the result C).

- Let the following sentences be placed in the right place on the chart.

1. C = A + B
2. Output C
3. Start
4. End
5. Enter A, B



Question (3): Choose the correct answer from the brackets:

1. The framework provides the libraries from which we create …… (Compilers – Object – Properties)
2. …… displays a list of the folders and project files or projects found in the solution. (Events –Text – Browser Solution)
3. …… a tool to input text data from the program user while running the program (TextBox – Label – Command button)
4. The code window can be opened by pressing …… key (F7 – F6 – F5)
5. Ensure that the program is free of errors is called …… (Program Testing – Program Documentation – Algorithm)

Question (4): Put (√) or (x):

1. The event handler is a procedure that contains a code that is executed when the associated event occurs.( )
2. The Form is where to design the program interface. ( )
3. The property Multiline allows multi line capability within the command button. ( )
4. The ComboBox is a drop-down list of elements to choose one of them ( )
5. The preparation of a cup of tea is an example of the problem.

(GOOD LUCK)

(5) NORTH SINAI GOVERNORATE 2017 - 2018

Question (1): Put (√) or (x):

1. Flow charts use standard symbols and lines to represent steps to solve a problem. ( )
2. Object properties can be set programmatically in VB.net. ( )
3. A demerit of VB.net programming language is that it cannot be used in developing desktop applications.

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4. VB.net programming language is a high-level programming language. ( )
5. 5. The property Name is used to show certain text in the title bar of the user window as the name of the window. ( )
6. Label size can be manually resized if AutoSize = true. ( )

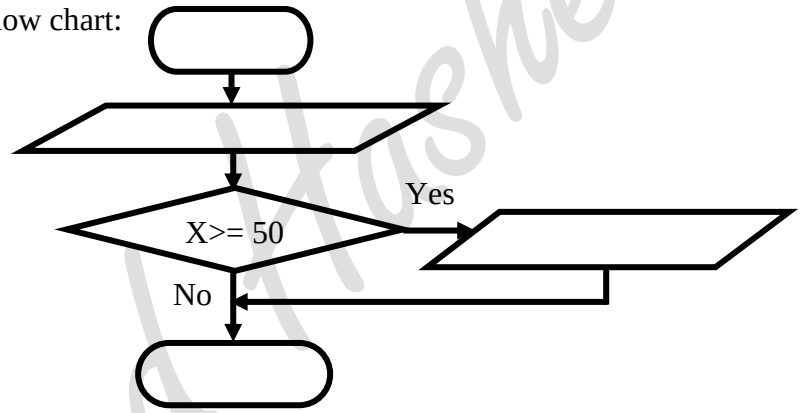
Question (2): Choose the correct answer to complete each of the following sentences:

1. The property that shows the effect of its setting in the runtime mode of the Form window is: ……
   A- FormBorderStyle B- WindowState C- RightToLeft
2. The property responsible for shape, size and effect of the font of text shown on the command Button is: ……
   A- BackColor B- ForeColor C- Font
3. The Code Window can be opened in more than one way, including pressing the key: ……
   A- F4 B- F5 C- F2
4. The control tool used to contain a set control elements of same function on the model is: ……
   A-GroupBox B - List Box C- ComboBox

Question (3): Redraw the following flow chart after completing the empty places using the given data to print the word "**ناجح**" if the input score X is greater than or equal 50:

- Use the following data to complete the flow chart:

End
Print "ناجح"
Enter X
Start



Question (4): (A): Explain the following codes in the light of your study of general formulas to adjust the properties of the controls programmatically:

- Label1.text = "جمهورية مصر العربية"
  ……

(B) : What are the stages of solving the problem?

……
……
……
……
……

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(6) OUR SONS ABROAD 2017 - 2018

The First Question: Put (√) or (x):

1. You can use any Geometric shape to represent Algorithm when drawing flowchart. ( )
2. Program documentation is beneficial when more than one person participate in writing or modifying the program. ( )
3. The VB.net language is one of Event Driven Languages, because the commands and instructions are carried out when a certain event occurs on the object. ( )
4. The default va1uc of the Form window properties (Text and Name) is Module1. ( )
5. The Solution Explorer displays a list of fo1ders and files of the projects that exists in the Solution. ( )
6. The properties of an (Object) arc the characteristics that describes and distinguishes it ( )
7. The Compilers are programs that translate commands and instructions written by the programmer from the High Level Language into machine language. ( )
8. The size of the Label can be changed manually during the design mode if the AutoSize = True ( )

The Second Question: Choose the correct answer:

1. The Integrated Development Environment (IDE) is called: ……
   (A) Visual Basic.Net (B) Visual Studio.Net (C) .Net Framework
2. The symbol is used for the Input/output process in (flowcharts): ……
   (A) (B) (C)
3. The window on which the program interface is designed and the different controls are inserted in it: ……
   (A) Form Window (B) Solution Explorer (C) Properties Window
4. The location (0, 0) on the: ……
   (A) Bottom right of the Form Window. (B) Middle of the Form Window.
   (C) Top fell of the Form Window.
5. Steps, activities and procedures to be done to reach a certain object is called: ……
   (A) Problem definition (B) Problem solving
   (C) Testing and correcting the program mistakes
6. The Control tool that contains a set of the same function controls on the form is: ……
   (A) ListBox (B) ControlBox (C) GroupBox

The Third Question:

(1) Fill in the spaces with a suitable word from the following:

(Method – Value – F7 – Property – CheckBox – F7 - RadioButton)

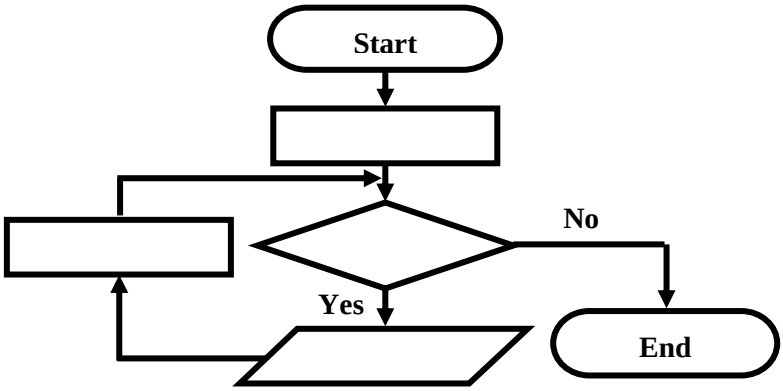
(A) The syntax that adjust the value of the property of the controls programmatically is:
ControlName▪ …… = ……
(B) You can open the Code Window, through the keyboard by pressing on the Function key …….
(C) The Control tool which is used for choosing only one item from different alternatives is ……

(2) Complete the following with a suitable term

(A) [……] is a situation that requires a solution through following consecutive steps sequentially
(B) [……] is a procedure which contains a code that is carried out when an event occurs.
(C) [……] contains the controls that can be inserted on the Form Window

The Fourth Question: redraw the following Flowchart to print the integer numbers from 1 to 5 using what's suitable from the following table:

Is M <= 5
Print M
M = M + 1
M = 1
Input M



Eng. Ahmed Hashem

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Eng. Ahmed Hashem